

Rocks ▪ *Review and Reinforce*

Classifying Rocks

Understanding Main Ideas

Fill in the blanks in the table below.

Grain Property	Description	Texture
Size	Large, easy to see	1. _____
Size	2. _____	Fine-grained
Shape	Mineral crystals	Crystalline
3. _____	Rock fragments	Rounded or jagged
4. _____	Layered or random grains	Banded or nonbanded

Answer the following questions on a separate sheet of paper.

- What characteristics do geologists look for when observing a rock sample?
- Name the three major groups of rocks and describe how each forms.
- Give two examples of how a rock's color provides clues to the rock's mineral composition.

Building Vocabulary

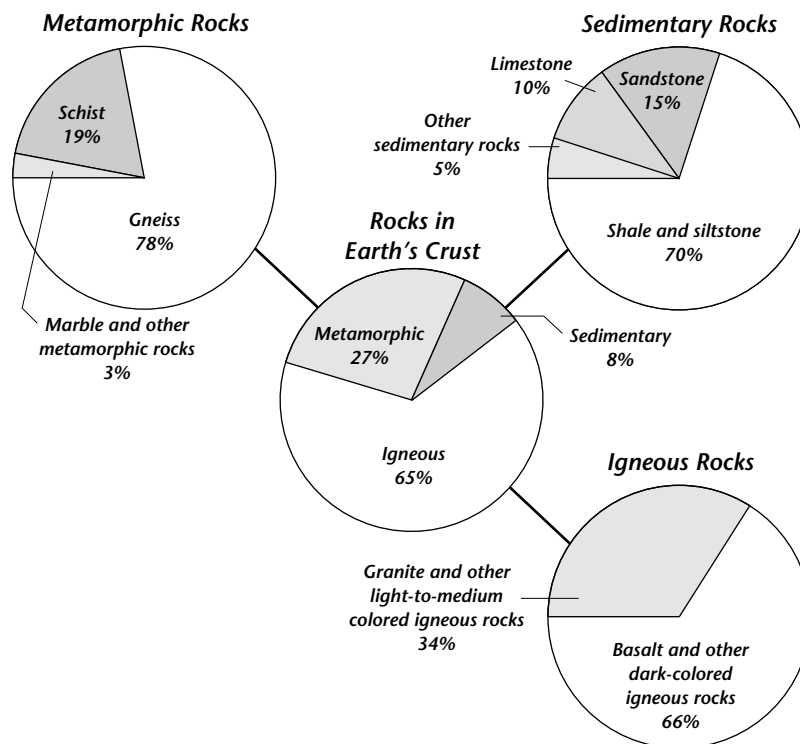
Fill in the blank to complete each statement.

- The look and feel of a rock's surface is its _____.
- The particles of minerals or other rocks that make up a rock are called _____.
- The 20 minerals that make up most of the rocks of Earth's crust are known as _____.

Rocks ▪ *Enrich*

A Crust Full of Rocks

The three major groups of rocks make up Earth's crust. But these groups of rocks are not found in equal amounts. The circle graph in the center below shows each group's percentage of the crust. The three circle graphs that surround the central one show the percentage of rocks that make up each group. You'll learn about many of these rocks as you read the rest of the chapter. Study the circle graphs below, and then answer the questions that follow.



Answer the following questions on a separate sheet of paper.

1. Which rock group makes up most of Earth's crust, and what is its percentage?
2. How do rocks in that rock group form?
3. What kind of rocks make up most of the igneous rocks? From your knowledge of Earth's crust, where would you most likely find such rocks?
4. Which rock group makes up the least part of Earth's crust, and what is its percentage?
5. How do rocks in that rock group form?
6. What kind of rock makes up the greatest part of metamorphic rocks, and what is its percentage?
7. How do metamorphic rocks form?